

Particle Size Analysis -



1um (0.5-1.5)

04-29-2022 10:09

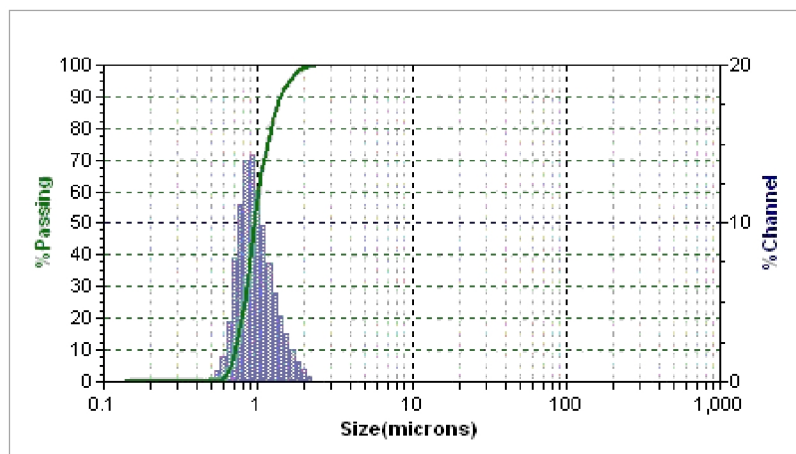
S3000/S3500
S3668

Data Item	Value
MV(um):	1.017
MN(um):	0.849
MA(um):	0.95
CS:	6.32
SD:	0.2590

Size(um)	%Tile

%Tile	Size(um)
5.00	0.672
10.00	0.720
30.00	0.843
40.00	0.896
50.00	0.951
60.00	1.016
90.00	1.414
95.00	1.600
97.00	1.727
99.00	1.959

Dia	Vol%	Width
0.951	100.0	0.52



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Warnings: High Background

Distribution:	Volume	Run Time:	10 Sec	Fluid:	WATER		
Progression:	Geom 8 Root	Run Num:	1 of 1	Fluid Ref. Index:	1.333	Loading Factor:	0.002
Upper Edge:	704	Particle:	CURRENT PARTICLE	Above Residual:	0	Transmission:	0.94
Lower Edge:	0.122	Transparency:	Transparent	Below Residual:	0		
Residuals:	Disabled	Part. Ref. Index:	2.41			Flow:	35 %
Num. Channels:	100	Part. Shape:	Irregular	Cell ID:	0507	Usonic Power:	N/A
Analysis Mode:	X100					Usonic Time:	N/A
Filter:	Enabled	DB Record:	28967	Recalc Status:		Serial Num:	S3668
Extended Rng:	Disabled	Database:	C:\Program Files\Microtrac FLEX 10.2.9\Databases\DB2016.MDB				

Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass	Size(um)	%Chan	% Pass
704.0	0.00	100.00	37.00	0.00	100.00	1.945	1.26	98.93			
645.6	0.00	100.00	33.93	0.00	100.00	1.783	1.99	97.67			
592.0	0.00	100.00	31.11	0.00	100.00	1.635	2.97	95.68			
542.9	0.00	100.00	28.53	0.00	100.00	1.499	4.16	92.71			
497.8	0.00	100.00	26.16	0.00	100.00	1.375	5.56	88.55			
456.5	0.00	100.00	23.99	0.00	100.00	1.261	7.46	82.99			
418.6	0.00	100.00	22.00	0.00	100.00	1.156	9.85	75.53			
383.9	0.00	100.00	20.17	0.00	100.00	1.060	12.10	65.68			
352.0	0.00	100.00	18.50	0.00	100.00	0.972	14.30	53.58			
322.8	0.00	100.00	16.96	0.00	100.00	0.892	13.97	39.28			
296.0	0.00	100.00	15.56	0.00	100.00	0.818	11.21	25.31			
271.4	0.00	100.00	14.27	0.00	100.00	0.750	7.87	14.10			
248.9	0.00	100.00	13.08	0.00	100.00	0.688	3.79	6.23			
228.2	0.00	100.00	12.00	0.00	100.00	0.630	1.62	2.44			
209.3	0.00	100.00	11.00	0.00	100.00	0.578	0.64	0.82			
191.9	0.00	100.00	10.09	0.00	100.00	0.530	0.18	0.18			
176.0	0.00	100.00	9.25	0.00	100.00	0.486	0.00	0.00			
161.4	0.00	100.00	8.48	0.00	100.00	0.446	0.00	0.00			
148.0	0.00	100.00	7.78	0.00	100.00	0.409	0.00	0.00			
135.7	0.00	100.00	7.13	0.00	100.00	0.375	0.00	0.00			
124.5	0.00	100.00	6.54	0.00	100.00	0.344	0.00	0.00			
114.1	0.00	100.00	6.00	0.00	100.00	0.315	0.00	0.00			
104.7	0.00	100.00	5.50	0.00	100.00	0.2890	0.00	0.00			
95.96	0.00	100.00	5.04	0.00	100.00	0.2650	0.00	0.00			
88.00	0.00	100.00	4.62	0.00	100.00	0.2430	0.00	0.00			
80.70	0.00	100.00	4.24	0.00	100.00	0.2230	0.00	0.00			
74.00	0.00	100.00	3.89	0.00	100.00	0.2040	0.00	0.00			
67.86	0.00	100.00	3.57	0.00	100.00	0.1870	0.00	0.00			
62.23	0.00	100.00	3.27	0.00	100.00	0.1720	0.00	0.00			
57.06	0.00	100.00	2.999	0.00	100.00	0.1580	0.00	0.00			
52.33	0.00	100.00	2.750	0.00	100.00	0.1450	0.00	0.00			
47.98	0.00	100.00	2.522	0.00	100.00	0.1330	0.00	0.00			
44.00	0.00	100.00	2.312	0.34	100.00						
40.35	0.00	100.00	2.121	0.73	99.66						